

Hogan-Gene, 00914-03.txt
 SEQUENCE LISTING

<110> University of Virginia Patent Foundation
 Hogan, Kevin T.
 Slingluff, Craig L.

<120> TAG-1 and TAG-2 Proteins and Uses Thereof

<130> 00914-03

<150> 60/484,077

<151> 2003-07-01

<150> PCT/US/2004/021168

<151> 2004-07-01

<160> 46

<170> PatentIn version 3.1

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<213> Homo sapiens

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20 25 30

Ser Glu Arg Gly Leu Pro Ala Ser Thr Leu Ser Arg Leu Ser Asn Arg
35 40 45

Leu Leu Leu Arg Leu Glu Cys Asn Val Val Ile Ile Ala His Cys Asn
50 55 60

Leu Glu Pro Leu Val Ser Arg Asp Pro Pro Ala Ser Ala Ser Leu Gly
65 70 75 80

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Lys Asn Leu

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<211> 63

<212> PRT

<213> Homo sapiens

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Leu Glu Cys Asn Val Val Ile Ile Ala His Cys Asn Leu Glu Pro Leu
20 25 30

Val Ser Arg Asp Pro Pro Ala Ser Ala Ser Leu Gly Trp Leu Phe Leu
35 40 45

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<211> 59

<212> PRT

<213> Homo sapiens

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1 5 10 15

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Val Val Ile Ile Ala His Cys Asn Leu Glu Pro Leu Val Ser Arg Asp
20 25 30

Pro Pro Ala Ser Ala Ser Leu Gly Trp Leu Phe Leu Leu Leu Asn
35 40 45

Ser Thr Thr Lys Glu Cys Cys Asn Lys Asn Leu
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Leu Leu Lys Cys His Gln Ser Gly Ser Pro Gly Arg Gly Gly Ala Glu
20 25 30

Ser Glu Arg Gly Leu Pro Ala Ser Thr Leu Ser Arg Leu Ser Asn Arg
35 40 45

Leu Leu Leu Arg Leu Glu Cys Asn Val Val Ile Ile Ala His Cys Asn
50 55 60

Leu Glu Pro Leu Val Ser Arg Asp Pro Pro Ala Ser Ala Ser Leu Phe
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Gln Asp Thr Cys Ala Gly Cys Ala Ser Leu Leu His Gly
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<212> PRT
<213> Homo sapiens

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1 5 10 15

Leu Glu Cys Asn Val Val Ile Ile Ala His Cys Asn Leu Glu Pro Leu
20 25 30

Val Ser Arg Asp Pro Pro Ala Ser Ala Ser Leu Phe Gln Asp Thr Cys
35 40 45

Ala Gly Cys Ala Ser Leu Leu His Gly
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<210> 11
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<213> Homo sapiens

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Thr Leu Ser Arg Leu Ser Asn Arg Leu Leu Leu Arg Leu Glu Cys Asn
1 5 10 15

Val Val Ile Ile Ala His Cys Asn Leu Glu Pro Leu Val Ser Arg Asp
20 25 30

Pro Pro Ala Ser Ala Ser Leu Phe Gln Asp Thr Cys Ala Gly Cys Ala
35 40 45

Ser Leu Leu His Gly
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<213> Homo sapiens

<400> 12

Arg Leu Ser Asn Arg Leu Leu Leu Arg
1 5

<210> 13
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<220>
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<223> wherein X is His, Arg or Lys

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Xaa Leu Ser Asn Arg Leu Leu Leu Arg
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Arg Xaa Ser Asn Arg Leu Leu Leu Arg
1 5

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Arg Leu Ser Asn Xaa Leu Leu Leu Arg
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<223> X is Met Leu, Ile or Val

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Arg Leu Ser Asn Arg Xaa Leu Leu Arg
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Arg Leu Ser Asn Arg Leu Xaa Leu Arg
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Arg Leu Ser Asn Arg Leu Leu Xaa Arg
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<210> 21

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<213> Homo sapiens

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20 25 30

Ser Glu Arg Gly Leu Pro Ala Ser Thr Leu Ser Arg Leu Ser Asn Arg
35 40 45

Leu Leu Leu Ser Ser Arg Ile His Val Gln Asp Val Gln Val Cys Tyr
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Met Gly Lys Tyr Val Pro Trp Gln Phe Ala Ala Ser Ile Asn Pro Leu
65 70 75 80

Pro Arg Tyr

<210> 23

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<212> PRT

<213> Homo sapiens

<400> 23

Leu Pro Ala Ser Thr Leu Ser Arg Leu Ser Asn Arg Leu Leu Leu Ser
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Ser Arg Ile His Val Gln Asp Val Gln Val Cys Tyr Met Gly Lys Tyr
20 25 30

Val Pro Trp Gln Phe Ala Ala Ser Ile Asn Pro Leu Pro Arg Tyr
35 40 45

<210> 24

<211> 43

<212> PRT

<213> Homo sapiens

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Thr Leu Ser Arg Leu Ser Asn Arg Leu Leu Leu Ser Ser Arg Ile His
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Val Gln Asp Val Gln Val Cys Tyr Met Gly Lys Tyr Val Pro Trp Gln
20 25 30

Phe Ala Ala Ser Ile Asn Pro Leu Pro Arg Tyr
35 40

<210> 25

<211> 9

<212> PRT

<213> Homo sapiens

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Ser Gln Asn Phe Pro Gly Ser Gln Lys
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<211> 24

<212> DNA

<213> homo sapiens

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<212> DNA

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 <210> 42

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 <213> Homo sapiens

<400> 42

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 <212> PRT
 <213> homo sapiens

<400> 43

Ala Leu Asn Phe Pro Gly Ser Gln Lys
 1 5

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 <223> X is either leucine or isoleucine

<220>
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 <222> (6)..(8)
 <223> X is either leucine or isoleucine

<400> 44

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 <223> synthetic derivative of SEQ ID NO: 12

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 <211> 9

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<212> PRT
<213> Homo sapiens

<400> 46

Arg Leu Ser Asn Arg Leu Leu Leu Ser
1 5